

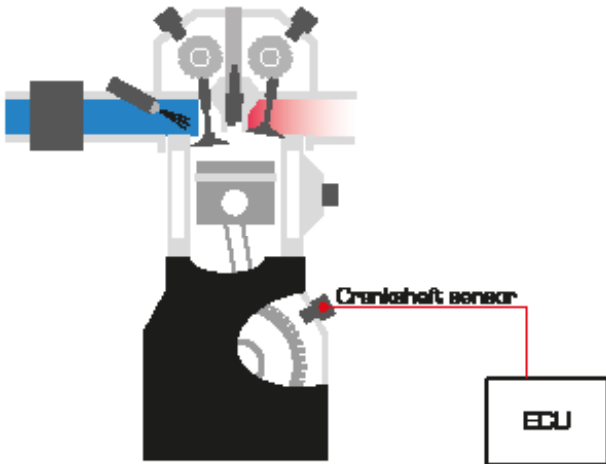


Technical info

CKP crankshaft sensor

The crankshaft sensor measures the crankshaft's rotational speed and/or position to be used by the vehicle's engine control unit (ECU), which uses the information to control the ignition system.

System design



Function

The engine control unit uses the crank sensor information to derive the current combustion cycle and to control the timing of fuel injection and ignition. The crankshaft sensor is often subjected to excessive heat and can therefore be burnt off as well as worn out. A faulty crank sensor can result in uneven idle, faulty ignition and poor acceleration. In worst cases, the engine can not be started. A very common sign of a faulty crank sensor is that the engine will not start when it is hot, but starts fine when it cools down.

Types

There are types of CKP sensors, which can be categorised into:

- Active
- Passive

Quality

Quality management according to TS 16 949.
100% functional test of every sensor.

Mounting

Remember to check if the vehicle's ECU must be reset after replacement.

Error codes

CO060 - Left ABS-sensor, rear axle
CO065 - Left ABS-sensor, rear axle
CO070 - Right ABS-sensor, rear axle
CO075 - Right ABS-sensor, rear axle

OE on

VAG

Numbering system

8855 YY ZZZZZ: 8855=product group, YY=car make, ZZZZZ=consecutive numbering

